

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5978070
<b>Application Number:</b>	10078949
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8454
<b>Title of Invention:</b>	OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING RNA
<b>First Named Inventor/Applicant Name:</b>	Stanley T. Crooke
<b>Customer Number:</b>	32650
<b>Filer:</b>	Jane E. Inglese/Arlene Stiles-Davis
<b>Filer Authorized By:</b>	Jane E. Inglese
<b>Attorney Docket Number:</b>	ISIS-5027
<b>Receipt Date:</b>	28-AUG-2009
<b>Filing Date:</b>	20-FEB-2002
<b>Time Stamp:</b>	18:24:34
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	Marcus-Sekura_AnalBiochem_289-295.PDF	572026 c1f50419140e18de1384a07aa7eeec5c13df105d	no	7

**Warnings:**

**Information:**

2	NPL Documents	Markiewicz_NucleicAcidChemistry_229-231.PDF	331980 04b5d83d81c359d93dc6a7a6c9267bb12c e8dc	no	4
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	Martinez_Cell_2002_563-574.PDF	972774 948bc38651a52d403a0270c7bdc8188c03 4118d	no	13
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	Maruenda_BioconjugateChem_541-544.PDF	425919 68ee75348e93292e1135f1779cc3bc40f73 71c	no	4
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	Maruenda_AntiCancerDrugDes_473-479.PDF	425272 38ec278ba433bdc000108243d45285177 338e	no	7
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	Marwick_JAmMedAssoc_1998_871.PDF	243249 e80d2eb1d4d8b13e915d51bca9959ed6ca 53ba3de	no	1
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	Matsukura_PNAS_1987_7706-7710.PDF	512594 b8315861d7081613001e8285a31c389eef0 cadd	no	5
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	Matteucci_JAmChemSoc_3185-3191.PDF	793464 a8dc6f7cd881dc95148027991b425cd55a89 a99	no	7
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	McCafferey_Nature_38-39.PDF	386547 8ca0c067e7e75195ea497d49161c26ee11024a 113d	no	2
<b>Warnings:</b>					
<b>Information:</b>					
10	NPL Documents	McIntyre_AntisenseResDev_309-322.PDF	1262787 37ad518bd7f6ed2b73ecaf7e3e3435d4705 8d5	no	14
<b>Warnings:</b>					
<b>Information:</b>					

11	NPL Documents	McQueen_CellBioToxicol_201-206.PDF	408485 6c7f353457d29f62ae27317d6158ff199ae099	no	6
Warnings:					
Information:					
12	NPL Documents	Mellitzer_MechDevel_57-63.PDF	657489 9dc94018bd95a1b06d7fced7d59cdac02b32e5	no	7
Warnings:					
Information:					
13	NPL Documents	Meunier_NuclAcidRes_2730-2736.PDF	1265846 0084cf15e073899845d4ab214dab2773b320151	no	7
Warnings:					
Information:					
14	NPL Documents	Meyer_JAmChemSoc_8517-8519.PDF	485706 a1327bb03694644531268294736603c29bb7c7	no	3
Warnings:					
Information:					
15	NPL Documents	Mili_MolCellBio_7307-7319.PDF	593667 d651c16d75a941313702be07b7c2f2ceb3408b	no	13
Warnings:					
Information:					
16	NPL Documents	Miller_AntiCancDrugDes_117-128.PDF	784745 696d6d53c09d8b6150baed413b77f719930137	no	12
Warnings:					
Information:					
17	NPL Documents	Miller_Biochemistry_1874-1880.PDF	796147 5981d9529202d4c9cd249eb5900cda7ed822d8b	no	7
Warnings:					
Information:					
18	NPL Documents	Miller_Biochemistry_5134-5143.PDF	1139172 dae42af26ce02654ed3ee1fa24931e46e7cd8c1	no	10
Warnings:					
Information:					
19	NPL Documents	Miller_JAmChemSoc_6657-6664.PDF	912527 cb15d88b964953d4d63b78df91913ae9527bd1	no	9
Warnings:					
Information:					

20	NPL Documents	Min_BioorgMedChemLett_2002_2651-2654.PDF	467037 7ca0177a7501223d4eb50818b09ca68c1c53ab09	no	4
<b>Warnings:</b>					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
<b>Information:</b>					
21	NPL Documents	Mishra_BiochimBiophysActa_229-237.PDF	901427 41fc500bac4e0374ac81181c1dc5d4019abcb0b	no	9
<b>Warnings:</b>					
<b>Information:</b>					
22	NPL Documents	Miura_ClinChem_1996_1758-1764.PDF	612820 27facd87f102f575ec82970808acdec54059a1a	no	7
<b>Warnings:</b>					
<b>Information:</b>					
23	NPL Documents	Montgomery_PNAS_1998_15502-15507.PDF	857674 b1138ca60a2c538d227d4e8f9290884eff72	no	6
<b>Warnings:</b>					
<b>Information:</b>					
24	NPL Documents	Moran_PNAS_10506-10511.PDF	192331 925e38444b54047d4affa3b3b5c66853871398e11	no	6
<b>Warnings:</b>					
<b>Information:</b>					
25	NPL Documents	Moran_JAmChemSoc_2056-2057.PDF	126455 9dc5542c77903b38853b2ed7f6c0951d4e1e	no	2
<b>Warnings:</b>					
<b>Information:</b>					
26	NPL Documents	Morita_BioorgMedChemLett_73-76.PDF	223017 3d8f23391b5b64a2ad60a20f7c7a19234c14ee	no	4
<b>Warnings:</b>					
<b>Information:</b>					
27	NPL Documents	Morita_BiorgMedChem_2211-2226.PDF	641518 cb10941de4b0403b390466f9917d8b7202734ff	no	16
<b>Warnings:</b>					
<b>Information:</b>					
28	NPL Documents	Moulds_Biochem_1995_5044-5053.PDF	2332154 018caskch08b0807bfc5cd4de45a1522205c488c9	no	10

<b>Warnings:</b>					
<b>Information:</b>					
29	NPL Documents	Napoli_PlantCell_279-289.PDF	4388671 7170215cadd80b31125a3b462d083e01d13e8c24	no	11
<b>Warnings:</b>					
<b>Information:</b>					
30	NPL Documents	Nasevicius_NatGenet_2000_216-220.PDF	524748 978b86e3e4a5125494071b2cf0228348c958f13	no	5
<b>Warnings:</b>					
<b>Information:</b>					
31	NPL Documents	Nelson_NuclAcidsRes_1989_7187-7194.PDF	504939 810b3d1748220111b0fc02966d72537b3dfe19e3	no	8
<b>Warnings:</b>					
<b>Information:</b>					
32	NPL Documents	Nestle_InvestDermatol_569-575.PDF	644099 f1d18477ec0b116a58f742ced71ec127139f6036	no	7
<b>Warnings:</b>					
<b>Information:</b>					
33	NPL Documents	Nielsen_Science_1497-1500.PDF	564607 c1d4a6c3e5e5f50b3702e096c0b3c20567b6b9c	no	4
<b>Warnings:</b>					
<b>Information:</b>					
34	NPL Documents	Nishikura_Cell_415-418.PDF	387807 104b356d58fc66e3dc0f09c08b197e3c53f03da	no	4
<b>Warnings:</b>					
<b>Information:</b>					
35	NPL Documents	Nykanen_Cell_309-321.PDF	844172 cc9509085e4e1201e928f1c3c395ced402fe9542	no	13
<b>Warnings:</b>					
<b>Information:</b>					
36	NPL Documents	Oberhauser_NucAcidsRes_533-538.PDF	695575 22f3286a8c1b0c5188f03f5b078186a1c42e88350	no	6
<b>Warnings:</b>					
<b>Information:</b>					
37	NPL Documents	Ogilvie_TetrahedronLetters_2861-2863.PDF	95322 1c3c2ae2d2e0411272a15de7a8f19429e0e0d0ff	no	3

<b>Warnings:</b>				
<b>Information:</b>				
38	NPL Documents	Olie_BiochimBiophysActa_101-109.PDF	786982 06c4b80a10f28e4517ba249692716c5b176a62	no 9
<b>Warnings:</b>				
<b>Information:</b>				
39	NPL Documents	Olsen_Biochemistry_9735-9741.PDF	2043698 7f925968f5ec2a08f8ec2d30f40f6c56da5f2c8a3	no 7
<b>Warnings:</b>				
<b>Information:</b>				
40	NPL Documents	Oneill_JOrgChem_5869-5875.PDF	751864 1514291a5b0ba751a88fcd0c0ba0e7c7ba91c817	no 7
<b>Warnings:</b>				
<b>Information:</b>				
<b>Total Files Size (in bytes):</b>			31557313	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>          If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>          If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>          If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>				